

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|------------------------------|------------------|---------|------------------|
| L1    | 0     | ("10605463").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | OFF     | 2007/05/29 09:15 |
| L2    | 0     | "10605463"  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/05/29 09:15 |
| L3    | 0     | "10605463"  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/05/29 09:15 |
| L4    | 1     | 10/605,463  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/05/29 10:26 |
| L5    | 229   | (edg\$3 near imag\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6 or smooth\$3)same(color\$2 or colour\$4 or RGB\$2 or grey\$3 or gray\$3 or black\$3 or whit\$3)same(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4) | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/05/29 10:30 |
| L6    | 91    | 5 same(edg\$3 near10(smooth\$3 or correct\$4 or adjust\$4 or filter\$4))  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/05/29 10:31 |
| L7    | 1     | "5504592".PN.   | USPAT;<br>USOCR              | OR               | ON      | 2007/05/29 10:36 |
| L8    | 1     | "5339365".PN.   | USPAT;<br>USOCR              | OR               | ON      | 2007/05/29 10:36 |
| L9    | 1     | "5315415".PN.   | USPAT;<br>USOCR              | OR               | ON      | 2007/05/29 10:37 |
| S1    | 31408 | (segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6)same(scan\$4 or read\$3 or captur\$3 or extract\$3 or detect\$4)same(edg\$3 or contour\$4)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/04/30 09:43 |
| S2    | 12481 | S1 same(compar\$6 or correlat\$4 or match\$3 or similar\$4 or differen\$4)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/04/30 09:46 |
| S3    | 4260  | S2 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6 or add\$3 or boost\$4)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/04/30 09:47 |
| S4    | 893   | S3 same(dust\$3 or scratch\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or distort\$4)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/04/30 09:47 |
| S5    | 43    | S4 same(add\$3 or sum\$3)near10 (edg\$4 or contour\$3)  | US-PGPUB;<br>USPAT           | OR               | ON      | 2007/04/30 09:49 |

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| S6  | 27709 | (segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6)same(scan\$4 or read\$3 or captur\$3 or detect\$4)same(edg\$3 or contour\$4)                 | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:34 |
| S7  | 11060 | S6 same(compar\$6 or correlat\$4 or match\$3 or similar\$4 or differen\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 09:46 |
| S8  | 3740  | S7 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6 or add\$3 or boost\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:35 |
| S9  | 743   | S8 same(unsharp\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or distort\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:36 |
| S10 | 33    | S9 same(add\$3 or sum\$3 or differnc\$4)near10(edg\$4 or contour\$3)   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:36 |
| S11 | 1     | "5563652".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 10:08 |
| S12 | 1     | "5357353".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 10:11 |
| S13 | 2     | "20040189874"  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:32 |
| S14 | 4969  | (segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6)same(scan\$4 or read\$3 or captur\$3 or detect\$4)same((edg\$3 or contour\$4)near10 imag\$4) | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:35 |
| S15 | 1868  | S14 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6 or add\$3 or boost\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:35 |
| S16 | 531   | S15 same(unsharp\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or distort\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:36 |
| S17 | 39    | S16 same(add\$3 or sum\$3 or differnc\$4)near10(edg\$4 or contour\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:50 |
| S18 | 1     | "6765609".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:38 |
| S19 | 1     | "6567497".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:38 |
| S20 | 1     | "6455860".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:38 |

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| S21 | 1      | "5715052".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:38 |
| S22 | 1      | "6587509".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:41 |
| S23 | 1      | "6195132".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:42 |
| S24 | 1      | "6587509".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:43 |
| S25 | 1      | "6195132".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:43 |
| S26 | 1      | "6115071".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/04/30 11:47 |
| S30 | 0      | "10660329"   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:58 |
| S31 | 39     | xianglin near2 wang  | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:56 |
| S33 | 1      | (enhanc\$6 and original\$3 and edg\$4<br>and unsharp\$4 and differen\$4 and<br>boost\$4 and add\$4 and nois\$4).clm.   | US-PGPUB;<br>USPAT | OR | ON | 2007/04/30 11:58 |
| S34 | 340610 | (segment\$6 or divid\$3 or partition\$3<br>or partial\$3 or portion\$3 or region\$3<br>or extract\$3 or block\$3)same(enlarg\$6<br>or scal\$4 or zoom\$4 or<br>magnif\$6)same(display\$4 or view\$4)                 | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:34 |
| S35 | 27883  | S34 same(align\$6 or fus\$4 or<br>synthes\$4 or merg\$3 or combin\$6 or<br>compos\$6 or mosiac\$4 or mesh\$3 or<br>superimpos\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:35 |
| S36 | 1025   | S35 same(overlap\$3 or overlay\$3 or<br>over-lap\$3 or over-lay\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:35 |
| S37 | 52     | S36 same(zoom\$3 near10(display\$3<br>or view\$3))   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:29 |
| S38 | 409    | S36 same((zoom\$3 or enlarg\$6 or<br>magnif\$6) near10(display\$3 or<br>view\$3))  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:36 |
| S39 | 161    | S38 same(position\$3 or location\$3 or<br>orientation\$3 or mov\$3 or shift\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:33 |
| S40 | 39     | S39 same(stor\$4 or memor\$4 or<br>record\$3 or databas\$4 or buffer\$3)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/29 09:15 |
| S41 | 27394  | (imag\$3)same(segment\$6 or divid\$3<br>or partition\$3 or partial\$3 or portion\$3<br>or region\$3 or extract\$3 or<br>block\$3)same(enlarg\$6 or scal\$4 or<br>zoom\$4 or magnif\$6)same(display\$4<br>or view\$4) | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:49 |

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| S42 | 5793  | S41 same(align\$6 or fus\$4 or synthes\$4 or merg\$3 or combin\$6 or compos\$6 or mosiac\$4 or mesh\$3 or superimpos\$4)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:50 |
| S43 | 326   | S42 same(overlap\$3 or overlay\$3 or over-lap\$3 or over-lay\$3)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:51 |
| S44 | 109   | S43 same((zoom\$3 or enlarg\$6 or magnif\$6) near10(display\$3 or view\$3))  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:51 |
| S45 | 51    | S44 same(stor\$4 or memor\$4 or record\$3 or databas\$4 or buffer\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:51 |
| S46 | 1     | "6363178".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:44 |
| S47 | 1     | "6005679".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:45 |
| S48 | 1     | "5748234".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:45 |
| S49 | 1     | "5576759".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:46 |
| S50 | 1     | "5553277".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:46 |
| S51 | 1     | "5224181".PN:  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:46 |
| S52 | 1     | "5206931".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:46 |
| S53 | 1     | "6713263".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:47 |
| S54 | 1     | "6607888".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:47 |
| S55 | 1     | "6150089".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:47 |
| S56 | 1     | "6448012".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:47 |
| S57 | 1     | "6147198".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:47 |
| S58 | 31429 | (pictur\$3 or document\$3 or photograph\$3 or imag\$3)same(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(enlarg\$6 or scal\$4 or zoom\$4 or magnif\$6)same(display\$4 or view\$4) | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:50 |

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| S59 | 6509 | S58 same(align\$6 or fus\$4 or synthes\$4 or merg\$3 or combin\$6 or compos\$6 or mosiac\$4 or mesh\$3 or superimpos\$4) | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:50 |
| S60 | 386  | S59 same(overlap\$3 or overlay\$3 or over-lap\$3 or over-lay\$3)   | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:51 |
| S61 | 116  | S60 same((zoom\$3 or enlarg\$6 or magnif\$6) near10(display\$3 or view\$3))  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:51 |
| S62 | 54   | S61 same(stor\$4 or memor\$4 or record\$3 or databas\$4 or buffer\$3)  | US-PGPUB;<br>USPAT | OR | ON | 2007/05/24 16:52 |
| S63 | 1    | "5651107".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:54 |
| S64 | 1    | "5651107".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:54 |
| S65 | 1    | "5638523".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:55 |
| S66 | 1    | "5473737".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:55 |
| S67 | 1    | "5187776".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 16:56 |
| S68 | 1    | "5438651".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 18:52 |
| S69 | 1    | "5412767".PN.  | USPAT;<br>USOCR    | OR | ON | 2007/05/24 18:52 |


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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IIE CNF = IIE Conference, IEEE STD = IEEE Standard

1. **Neural edge enhancer for supervised edge enhancement from noisy images**  
Suzuki, K.; Horiba, I.; Sugie, N.;  
Pattern Analysis and Machine Intelligence, IEEE Transactions on  
Volume 25, Issue 12, Dec. 2003 Page(s):1582 - 1596  
IEEE JNL
2. **Multilevel nonlinear filters for edge detection and noise suppression**  
Humor Hwang; Haddad, R.A.;  
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]  
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3. **Combining spatial and scale-space techniques for edge detection to provide a spatially adaptive wavelet-based noise filtering algorithm**  
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4. **Multistage bilateral noise filtering and edge detection for color image enhancement**  
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5. **Derivation of optimal filters for the detection of coronary arteries**  
van der Zwet, P.M.J.; Nettesheim, M.; Gerbrands, J.J.; Reiber, J.H.C.;  
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6. **Fuzzy Rank LUM Filters**  
Nie, Y.; Barner, K. E.;  
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Volume 15, Issue 12, Dec. 2006 Page(s):3636 - 3654  
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7. **A model-based approach for filtering and edge detection in noisy images**  
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8. **Decimated rank-order filtering**  
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IEEE JNL

9. **An X-band front-end module using HTS technique for a commercial dual mode radar**  
Dow-Chih Niu; Tung-Wuu Huang; Hao-Jung Lee; Chi-Yang Chang;  
Applied Superconductivity, IEEE Transactions on  
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10. **A hybrid neuro-fuzzy filter for edge preserving restoration of images corrupted by impulse noise**  
Yuksel, M.E.;  
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11. **Interlaced to progressive scan conversion for HD-MAC application**  
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13. **Gray and color image contrast enhancement by the curvelet transform**  
Starck, J.-L.; Murtagh, F.; Candes, E.J.; Donoho, D.L.;  
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14. **Multispectral Bilateral Video Fusion**  
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15. **Image denoising based on wavelets and multifractals for singularity detection**  
Junmei Zhong; Ruola Ning;  
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16. **Wavelet transform domain filters: a spatially selective noise filtration technique**  
Yansun Xu; Weaver, J.B.; Healy, D.M.; Jian Lu;  
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17. **Cost-effective color filter array demosaicing using spatial correlation**  
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18. **Adaptive schemes for noise filtering and edge detection by use of local statistics**  
Sun, X.Z.; Venetsanopoulos, A.N.;

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Volume 35, Issue 1, Jan. 1988 Page(s):57 - 69  
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19. **A parametrized family of nonlinear image smoothing filters**  
Rey, C.; Ward, R.K.;  
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20. **Edge-adaptive Kalman filtering for image restoration with ringing suppression**  
Tekalp, A.M.; Kaufman, H.; Woods, J.W.;  
Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on  
Volume 37, Issue 6, June 1989 Page(s):892 - 899  
IEEE JNL
21. **Decision-based order statistic filters**  
Lee, Y.-H.; Tansaratana, S.;  
Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on  
Volume 38, Issue 3, March 1990 Page(s):406 - 420  
IEEE JNL
22. **Tree-structured nonlinear filters in digital mammography**  
Wei Qian; Clarke, L.P.; Kallergi, M.; Clark, R.A.;  
Medical Imaging, IEEE Transactions on  
Volume 13, Issue 1, March 1994 Page(s):25 - 36  
IEEE JNL
23. **Spatially adaptive wavelet-based multiscale image restoration**  
Banham, M.R.; Katsaggelos, A.K.;  
Image Processing, IEEE Transactions on  
Volume 5, Issue 4, April 1996 Page(s):619 - 634  
IEEE JNL
24. **Modeling and quality assessment of halftoning by error diffusion**  
Kite, T.D.; Evans, B.L.; Bovik, A.C.;  
Image Processing, IEEE Transactions on  
Volume 9, Issue 5, May 2000 Page(s):909 - 922  
IEEE JNL
25. **Fast edge-preserving noise reduction for ultrasound images**  
Chinrungrueng, C.; Suvichakorn, A.;  
Nuclear Science, IEEE Transactions on  
Volume 48, Issue 3, June 2001 Page(s):849 - 854  
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Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on  
Volume 37, Issue 6, June 1989 Page(s):892 - 899  
IEEE JNL
21. **Decision-based order statistic filters**  
Lee, Y.-H.; Tantaratana, S.;  
Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on  
Volume 38, Issue 3, March 1990 Page(s):406 - 420  
IEEE JNL
22. **Tree-structured nonlinear filters in digital mammography**  
Wei Qian; Clarke, L.P.; Kallergi, M.; Clark, R.A.;  
Medical Imaging, IEEE Transactions on  
Volume 13, Issue 1, March 1994 Page(s):25 - 36  
IEEE JNL
23. **Spatially adaptive wavelet-based multiscale image restoration**  
Banham, M.R.; Katsaggelos, A.K.;  
Image Processing, IEEE Transactions on  
Volume 5, Issue 4, April 1996 Page(s):619 - 634  
IEEE JNL
24. **Modeling and quality assessment of halftoning by error diffusion**  
Kite, T.D.; Evans, B.L.; Bovik, A.C.;  
Image Processing, IEEE Transactions on  
Volume 9, Issue 5, May 2000 Page(s):909 - 922  
IEEE JNL
25. **Fast edge-preserving noise reduction for ultrasound images**  
Chinrungrueng, C.; Suvichakorn, A.;  
Nuclear Science, IEEE Transactions on  
Volume 48, Issue 3, June 2001 Page(s):849 - 854  
IEEE JNL